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JUN 06 2005

Practitioner's Docket No. 00109

PATENT APPLICATION

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: Nippon Shokubai Co., Ltd.  
Serial No.: 10/040,671  
Filed: January 6, 2002  
For: Fixed-bed shell-and-tube reactor and its usage  
Examiner: Doroshenk, Alexa A.  
Group No.: 1764  
Confirmation No.: 2909

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

## Certificate of Facsimile Transmission

I hereby certify that the following documents are being facsimile transmitted to the United States Patent and Trademark Office on June 6, 2005 to 1-703-872-9306 totaling 19 pages by applicant's attorney, Robert J. Jacobson:

1. This Certificate of Facsimile Transmission dated June 6, 2005 (one page);
2. Amendment Transmittal Letter dated June 6, 2005 (one page); and
3. Amendment and Remarks dated June 6, 2005 (17 pages).

Respectfully submitted,

Date: June 6, 2005

  
\_\_\_\_\_  
Robert J. Jacobson

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Robert J. Jacobson

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**AMENDMENT TRANSMITTAL LETTER (Large Entity)**

Applicant(s): Nippon Shokubai Co., Ltd.

Docket No. 00109
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Application No. 10/040,671	Filing Date January 6, 2002	Examiner Doroshenk, Alexa A.	Customer No. 023165	Group Art Unit 1764	Confirmation No. 2909
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Invention: Fixed-bed shell-and-tube reactor and its usage

**COMMISSIONER FOR PATENTS:**

Transmitted herewith is an amendment in the above-identified application.

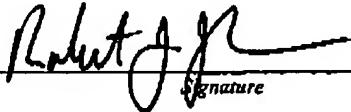
The fee has been calculated and is transmitted as shown below.

**CLAIMS AS AMENDED**

	CLAIMS REMAINING AFTER AMENDMENT	HIGHEST # PREV. PAID FOR	NUMBER EXTRA CLAIMS PRESENT	RATE	ADDITIONAL FEE
TOTAL CLAIMS	19 -	20 =	0	x \$50.00	\$0.00
INDEP. CLAIMS	1 -	3 =	0	x \$200.00	\$0.00
Multiple Dependent Claims (check if applicable) <input type="checkbox"/>					\$0.00
TOTAL ADDITIONAL FEE FOR THIS AMENDMENT					\$0.00

- No additional fee is required for amendment.
- Please charge Deposit Account No. \_\_\_\_\_ in the amount of \_\_\_\_\_
- A check in the amount of \_\_\_\_\_ to cover the filing fee is enclosed.
- The Director is hereby authorized to charge payment of the following fees associated with this communication or credit any overpayment to Deposit Account 50-3288
  - Any additional filing fees required under 37 C.F.R. 1.16.
  - Any patent application processing fees under 37 CFR 1.17.
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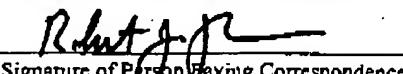
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Robert J. Jacobson  
Printed Name of Person Faxing Correspondence

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**Amendment and Remarks--Introduction**

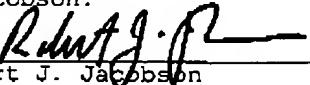
This paper is being filed in response to the Office Action of March 7, 2005.

Amendments to the Claims are reflected in the listing of claims which begins on page 2 of this paper.

The Remarks section begins on page 10 of this paper.

(10450.DOC)

I hereby certify that this correspondence and the documents referred to as enclosed therein are being facsimile transmitted to the United States Patent and Trademark Office on June 6, 2005 to 1-703-872-9306 by applicant's attorney, Robert J. Jacobson.

  
\_\_\_\_\_  
Robert J. Jacobson

(Amendment and Remarks--page 1 of 17)